

QY	5735	ccaaacccagagagatctggagactctccacagcaacccctccgagagaaatcaagttcttga	5794
Dd	421	ccaaacccagagagatctggagactctccacagcaacccctccgagagaaatcaagttcttga	480
QY	5795	ggaaaggagaaagcgcagactcaagccaaagaaaaatggaaatcttgcgcagagagttctggaaaaag	5854
Dd	481	ggaaaggagaaagcgcagactcaagccaaagaaaaatggaaatcttgcgcagagagttctggaaaaag	540
QY	5855	cagccagagagagctggcagaagcttgagaaaggggccagctgtccccaagaccgagaaatcgtccg	5914
Dd	541	cagccagagagagctggcagaagcttgagaaaggggccagctgtccccaagaccgagaaatcgtccg	600
QY	5915	ggctctgtccacacacagctccacagagaagaagt	5942
Dd	601	ggctctgtccacacagctccacagagaagaagt	628
RESULT 2			
PCT-US01-30412-1			
; Sequence 1, Application PC/TUS0130412			
; GENERAL INFORMATION:			
; APPLICANT: Genaisance Pharmaceuticals, Inc.			
; APPLICANT: Bentivegna, Steven C.			
; APPLICANT: Choi, Julie Y.			

```

RESULT 2
PCT-US01-30412-1
Sequence 1, Application PC/TUS0130412
GENERAL INFORMATION:
APPLICANT: Genaisance Pharmaceuticals, Inc.
APPLICANT: Bentivegna, Steven C.
APPLICANT: Choi, Julie Y.
APPLICANT: Russo, David P.
TITLE OF INVENTION: HAPLOTYPES OF THE CASP2 GENE
FILE REFERENCE: CASP2_MMH1435-PCT
CURRENT APPLICATION NUMBER: PCT/US01/30412
CURRENT FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: 60/235,801
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 14748
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: allele
LOCATION: (73)..(73)
OTHER INFORMATION: PSL: polymorphic base A or G
NAME/KEY: allele
LOCATION: (148)..(148)
OTHER INFORMATION: PS2: polymorphic base G or A
NAME/KEY: allele
LOCATION: (3052)..(3052)
OTHER INFORMATION: PS3: polymorphic base T or C
NAME/KEY: allele
LOCATION: (3233)..(3233)
OTHER INFORMATION: PS4: polymorphic base C or T
PCT-US01-30412-1

```

Query Match	2.88;	Score 175.6;	DB 1;	Length 14748;
Best Local Similarity	79.68;	Pred. No. 3.6e-21;		
Matches 223; Conservative	0;	Mismatches 49;	Indels 8;	Gaps 1

QY	1321	accctggacacacgcgaacccctgcctcccaagctcaagcaattccctgcttaagctcc	1380
Db	8068	atctgggcctcatgtcgaacctcgcctccccaagttcaagcaattctctgtctccagctcc	8127
QY	1381	cgctgtacgctcggaactacagcg-----acagccgcgcatacttctgtactgtta	1432
Db	8128	tgaagtctcggaattacacagcgcatgcgcacacagccgcgctaatcttctgattttta	8187
QY	1433	ggagatgagggtttcaccaattttgagcccgcgctggtcttgaactctcgacctgaagtgatca	1492
Db	8188	ggagacagggctttcatcatcaacttgtctaaagctgtgtcttcacaaacctcgacctcaagtgatca	8247
QY	1493	cccaaccatcgaccttcctcaaaagtgcctgggaatttcagagcaggaatttcctccgcgcgcgaag	1552
Db	8248	ccgcgctctgctctcccgaaagtgcctgggaatttcacagagcgtgaaacacgcgcgcgcctcttg	8307

QY 1553 gtcagtgttaataagaacttgaacggttacttaa 1592
| | | | | | | | | |
Db 8308 ttctctcttcgagcaaatcttactcttacttaacttaa 8347

```

RESULT      3
US-09-844-653-32
: Sequence 32, Application US/09844653
: GENERAL INFORMATION: 1
:
: APPLICANT: Richards, Julia
:
: APPLICANT: Rozsa, Frank
: TITLE OF INVENTION: Detecting and Treating Eye Disease
: FILE REFERENCE: US-06105
: CURRENT APPLICATION NUMBER: US/09/844,653
: CURRENT FILING DATE: 2001-04-27
: NUMBER OF SEQ ID NOS: 173
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 32
:
: LENGTH: 48841
:
: TYPE: DNA
:
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: misc:feature
: LOCATION: ..(2067)
: OTHER INFORMATION: N at this position can be a, c, t, or g
:
: US-09-844-653-32

```

Query Match	2.8%	Score 173.2	DB 5	Length 48841
Best Local Similarity	83.7%	Pred. No. 1.1e-20		
Matches 21	Conservative 0	Mismatches 33	Indels 8	Gaps 1

QY	1321	accttgagctcaacgcaactctgcctcccaaggcttcaagaattctccgttcagaccgc	1380
QY	1321	accttgagctcaacgcaactctgcctcccaaggcttcaagaattctccgttcagaccgc <td>1380</td>	1380
Db	3601	attcttgctccacccgaactctgcctcccaagttcaagaattctcccaactcagaccgc	3660
QY	1381	cgcgcgtacgtcggaactaagc-----cgacgcgcgcgcgtcaattttgtatgtgtatga	1432
Db	3661	cgcgcgtacgtcggaactaagc-----cgacgcgcgcgcgtcaattttgtatgtgtatga	1432
QY	1433	gagaatgggtttcaccaattatgcgcgggtgtctctgaacctcctgaactcagggatcca	1492
Db	3721	gagaatgggtttcaccaattatgcgcgggtgtctctgaacctcctgaactcagggatcca	1492
QY	1493	cccaacctcgcacctcctcaagaatgtctggaattcaagcagatgaacacgcgcgcgcgcgaag	1552
Db	3781	ccctctcgcgcctcccaagaatgtctggaattcaagcagatgaacacgcgcgcgcgcgaag	1640
QY	1553	gtcagatgtttaa	1564
Db	3841	ttgtctctttaa	3852

RESULT 4
US-09-834-975-579
; Sequence 579, Application US/09834975

```

1 APPLICANT: Lillie, James
2 APPLICANT: Brown, Jeffrey
3 APPLICANT: Bolt, Andrew
4 APPLICANT: Van Hufel, Christophe
5 TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS AND METHODS
6 TITLE OF INVENTION: FOR THE IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY
7 TITLE OF INVENTION: OF HUMAN CANCERS
8 FILE REFERENCE: MRI-016B
9 CURRENT APPLICATION NUMBER: US/09/834,975
10 CURRENT FILING DATE: 2001-04-13
11 PRIOR APPLICATION NUMBER: 60/197,538
12 PRIOR FILING DATE: 2000-04-14
13 NUMBER OF SEQ ID NOS: 1046
14
15 SOFTWARE: FASTSEQ For Windows Version 4.0
16 SEQ ID NO 579

```

```

: LENGTH: 820
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-834-975-579

```

```

Query Match      2.8%; Score 172; DB 5; Length 820;
Best Local Similarity 78.0%; Pred. No. 8e-21;
Matches 220; Conservative 0; Mismatches 60; Indels 2; Gaps 1;

```

```

OY 1280 aggggtgaggtctgtgtcttaacctactgtatgtcttaacctgagctcaactgaacc 1339
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 233 agagtctgtctgtctgtcgcggtgagtgcaatgagtgagtgagtgagtgagtgagtgag 292
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
OY 1340 tctgtctctccaggtctcaagcaattctctgtctcaagctcccggtgagtgagtgagtgag 1399
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 293 tctgtctctccaggtctcaagcaattctctgtctcaagctcccggtgagtgagtgagtgag 352
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
OY 1400 gcgcagcgcgcgcgaattttgtatgttagtagagatgagtgagtgagtgagtgagtgagtgag 1459
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 353 gcgcagcgcgcgcgaattttgtatgttagtagagatgagtgagtgagtgagtgagtgagtgag 412
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
OY 1460 gctgtgtcttgaacctctcaagtgagtgagtgagtgagtgagtgagtgagtgagtgagtgag 1519
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 413 gctgtgtcttgaacctctcaagtgagtgagtgagtgagtgagtgagtgagtgagtgagtgag 470
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
OY 1520 attagagtgagtgagtgagtgagtgagtgagtgagtgagtgagtgagtgagtgagtgagtgag 1561
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 471 aagacaggtcgttagtcacacgtgcgcgcgcgcgcgcgcgcgcgcgcgcgcgcgcgcgcgc 512
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

```

```

RESULT 5
US-09-844-653-32/c
: Sequence 32, Application US/09844653
: GENERAL INFORMATION:
: APPLICANT: Richards, Julia
: APPLICANT: Rozsa, Frank
: TITLE OF INVENTION: Detecting and Treating Eye Disease
: FILE REFERENCE: UM-06105
: CURRENT APPLICATION NUMBER: US/09/844,653
: CURRENT FILING DATE: 2001-04-27
: NUMBER OF SEQ ID NOS: 173
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 32
: LENGTH: 48841
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (2067)..(2067)
: OTHER INFORMATION: N at this position can be a, c, t, or g.
US-09-844-653-32

```

```

Query Match      2.8%; Score 171; DB 5; Length 48841;
Best Local Similarity 79.1%; Pred. No. 2.6e-20;
Matches 219; Conservative 0; Mismatches 50; Indels 8; Gaps 1;
OY 1280 aggggtgaggtctgtgtcttaacctactgtatgtcttaacctgagctcaactgaacc 1339
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 14367 AGAGTCTCGCTCTGTCAAGCCAGGCTGGAGTGGAGATGGCGCATCTCAGCTCACTCAAC 14308
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
OY 1340 tctgtctctccaggtctcaagcaattctctgtctcaagctcccggtgagtgagtgagtgag 1399
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 14307 TCTGCTCTCCAGGTTCAAGCATTTCTGCTGCTGAGCTCCCAAGTACTGGGATTTACAG 14248
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
OY 1400 ggc-----cagcgcgcgcgaattttgtatgttagtagagatgagtgagtgagtgagtgag 1451
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 14247 GCGGCTGCCACACACCCCATATTTTGTATTTTGTAGTAGAGAGCGGGGTTTGCCATG 14188
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
OY 1452 ttaagccggctgtgtcttaacctcaagtgagtgagtgagtgagtgagtgagtgagtgagtgag 1511
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 14187 TTGGCAGAGGCTGTCAAACTCTGACCTGAGTGATGCCGCCCGCTGAGCGCTCCCAA 14128
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

```

```

OY 1512 gtgctgggattaccagtgagtgagtgagtgagtgagtgagtgagtgagtgagtgagtgag 1548
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 14127 GTGCTGGATTACAGGATGAGCCACGACGCTGCGC 14091
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

```

```

Query Match      2.8%; Score 170; DB 5; Length 11288;
Best Local Similarity 79.0%; Pred. No. 2.9e-20;
Matches 218; Conservative 0; Mismatches 50; Indels 8; Gaps 1;

```

```

OY 1280 aggggtgaggtctgtgtcttaacctactgtatgtcttaacctgagctcaactgaacc 1339
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 811 AGAGTCTGCTCTGTGTGCCAAGCTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAG 752
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
OY 1340 tctgtctctccaggtctcaagcaattctctgtctcaagctcccggtgagtgagtgagtgag 1399
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 751 TCTGCTCTCGGCTGTCAAGCATTTGTCAAGCTCAAGCTCCGAGTACGTGGATTTACAG 692
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
OY 1400 ggc-----cagcgcgcgcgaattttgtatgttagtagagatgagtgagtgagtgagtgag 1451
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 691 GCGGCCACACCATGCCAGCAATTTTGTATTTTGTATTTTGTATTTTGTATTTTGTATTTTGTAT 632
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
OY 1452 ttaagccggctgtgtcttaacctcaagtgagtgagtgagtgagtgagtgagtgagtgagtgag 1511
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 631 TTGGCAGAGGCTGTCAAACTCTGACCTCAAGTAACTGCCACACCTGCTTCTAAA 572
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
OY 1512 gtgctgggattaccagtgagtgagtgagtgagtgagtgagtgagtgagtgagtgagtgag 1547
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 571 GTGCTGGATTACAGGCTGAGCCACGCGCGCGCGC 536
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

```

```

RESULT 7
US-09-834-975-708
: Sequence 708, Application US/09834975
: GENERAL INFORMATION:
: APPLICANT: Lillie, James
: APPLICANT: Brown, Jeffrey
: APPLICANT: Bolt, Andrew
: APPLICANT: Van Hufel, Christophe
: TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS AND METHODS
: TITLE OF INVENTION: FOR THE IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY
: FILE REFERENCE: MRI-016B
: CURRENT APPLICATION NUMBER: US/09/834,975
: CURRENT FILING DATE: 2001-04-13
: PRIOR APPLICATION NUMBER: 60/197,538
: PRIOR FILING DATE: 2000-04-14
: NUMBER OF SEQ ID NOS: 1046
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 708
: LENGTH: 476

```

```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-834-975-708
```

Query Match 2.7%; Score 169.4; DB 5; Length 476;

Best Local Similarity 84.2%; Pred. No. 1.9e-20;

Matches 203; Conservative 0; Mismatches 36; Indels 2; Gaps 1;

```
OY 1321 acctgaactacgtcaactctgtcctccaggtcaagcaattctctgtcagctcc 1380
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 64 aactcagctacgtcaactctgtcctccaggtcaagcaattctctgtcagctcc 123
OY 1381 cggtagctgggaactaagcgccagcccgctaaatttctgtatctgttagagatggg 1440
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 124 tgaatagctgggaactaagcgccagcccgctaaatttctgtatctgttagagatggg 183
OY 1441 gttcacacattagaccggtctgtctgaactcttgaactcagtgatcacaccactc 1500
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 184 gttcacaccgtgtgttagagctgtgtccaaactccctgacct--ctgtatctgtccacc 241
OY 1501 agctccctaaagtctgtggaattacagcatgagtcacgcgcgcgcgcgcgcgcgcgc 1560
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 242 agctccctaaagtctgtggaattacagcatgagtcacgcgcgcgcgcgcgcgcgcgc 301
OY 1561 t 1561
Db 302 t 302
```

RESULT 8

US-09-689-908-284

```
; Sequence 284, Application US/09689908
; GENERAL INFORMATION:
; APPLICANT: Nehls, Michael
; APPLICANT: Zambrowicz, Brian
; APPLICANT: Sands, Arthur T.
; TITLE OF INVENTION: Novel Human Polynucleotides and
; FILE REFERENCE: Lex-0067-USA
; CURRENT APPLICATION NUMBER: US/09/689,908
; CURRENT FILING DATE: 2000-10-11
; PRIOR APPLICATION NUMBER: US 60/158,745
; PRIOR FILING DATE: 1999-10-12
; NUMBER OF SEQ ID NOS: 1015
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 284
; LENGTH: 416
; TYPE: DNA
; ORGANISM: homo sapiens
US-09-689-908-284
```

Query Match 2.7%; Score 167.4; DB 5; Length 416;

Best Local Similarity 82.9%; Pred. No. 4e-20;

Matches 203; Conservative 0; Mismatches 41; Indels 1; Gaps 1;

```
OY 1315 ctctacacgtgagctacgtcaactctgtcctccaggtcaagcaattctctgtctca 1374
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 110 ctacagatctgtgactacgtcaactctctccagatccaagcagttctctgtcctca 169
OY 1375 gctcccggtgagctgtgagctacagcgccagccgcctaa-ttttctgtatctgttag 1433
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 170 gctcccggtgagctgtgagctacagcgccagccgcctaaatttctgtatctgttag 229
OY 1434 agatggggtttccacatataagcccgctgtctgaactccagctacaggtgagtcacac 1493
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 230 agatggggtttccacatataagcccgctgtctgaactccagctacaggtgagtcacac 289
OY 1494 ccacctagctctcctaagctgtggaattacaggaattgaatccgcgcgcgcgcgcgcgc 1553
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 290 ccacctagctctcctaagctgtggaattacaggaattgaatccgcgcgcgcgcgcgcgc 349
```

```
OY 1554 tcaagt 1558
      | | | |
Db 350 ttagt 354
```

RESULT 9

US-09-689-908-286

Sequence 286, Application US/09689908

```
; GENERAL INFORMATION:
; APPLICANT: Nehls, Michael
; APPLICANT: Zambrowicz, Brian
; APPLICANT: Sands, Arthur T.
; TITLE OF INVENTION: Novel Human Polynucleotides and
; FILE REFERENCE: Lex-0067-USA
; CURRENT APPLICATION NUMBER: US/09/689,908
; CURRENT FILING DATE: 2000-10-11
; PRIOR APPLICATION NUMBER: US 60/158,745
; PRIOR FILING DATE: 1999-10-12
; NUMBER OF SEQ ID NOS: 1015
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 286
; LENGTH: 416
; TYPE: DNA
; ORGANISM: homo sapiens
US-09-689-908-286
```

Query Match 2.7%; Score 167.4; DB 5; Length 416;

Best Local Similarity 82.9%; Pred. No. 4e-20;

Matches 203; Conservative 0; Mismatches 41; Indels 1; Gaps 1;

```
OY 1315 ctctacacgtgagctacgtcaactctgtcctccaggtcaagcaattctctgtctca 1374
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 110 ctacagatctgtgactacgtcaactctctccagatccaagcagttctctgtcctca 169
OY 1375 gctcccggtgagctgtgagctacagcgccagccgcctaa-ttttctgtatctgttag 1433
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 170 gctcccggtgagctgtgagctacagcgccagccgcctaaatttctgtatctgttag 229
OY 1434 agatggggtttccacatataagcccgctgtctgaactccagctacaggtgagtcacac 1493
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 230 agatggggtttccacatataagcccgctgtctgaactccagctacaggtgagtcacac 289
OY 1494 ccacctagctctcctaagctgtggaattacaggaattgaatccgcgcgcgcgcgcgcgc 1553
      | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 290 ccacctagctctcctaagctgtggaattacaggaattgaatccgcgcgcgcgcgcgcgc 349
OY 1554 tcaagt 1558
      | | | |
Db 350 ttagt 354
```

RESULT 10

PCT-US01-30877-1

Sequence 1, Application PCT/US0130877

```
; GENERAL INFORMATION:
; APPLICANT: Genaisance Pharmaceuticals, Inc.
; APPLICANT: Kazemi, Amir
; APPLICANT: Klien, Stefanie E
; APPLICANT: Lanz, Elizabeth M
; APPLICANT: Messer, Chad
; APPLICANT: Tanguay, Debra A
; TITLE OF INVENTION: HAPLOTYPES OF THE POR GENE
; FILE REFERENCE: POR MMH-0969PCT
; CURRENT APPLICATION NUMBER: PCT/US01/30877
; CURRENT FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/236,449
; NUMBER OF SEQ ID NOS: 134
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 39287
```

```
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: allele
LOCATION: (22635)..(22635)
OTHER INFORMATION: PS1: polymorphic base G or A
NAME/KEY: allele
LOCATION: (29577)..(29577)
OTHER INFORMATION: PS2: polymorphic base C or T
NAME/KEY: allele
LOCATION: (29754)..(29754)
OTHER INFORMATION: PS3: polymorphic base C or T
NAME/KEY: allele
LOCATION: (30427)..(30427)
OTHER INFORMATION: PS4: polymorphic base C or T
NAME/KEY: allele
LOCATION: (31531)..(31531)
OTHER INFORMATION: PS5: polymorphic base G or A
NAME/KEY: allele
LOCATION: (31644)..(31644)
OTHER INFORMATION: PS6: polymorphic base C or T
NAME/KEY: allele
LOCATION: (31648)..(31648)
OTHER INFORMATION: PS7: polymorphic base C or T
NAME/KEY: allele
LOCATION: (32446)..(32446)
OTHER INFORMATION: PS8: polymorphic base A or G
NAME/KEY: allele
LOCATION: (32478)..(32478)
OTHER INFORMATION: PS9: polymorphic base C or T
NAME/KEY: allele
LOCATION: (33538)..(33538)
OTHER INFORMATION: PS10: polymorphic base C or G
NAME/KEY: allele
LOCATION: (33551)..(33551)
OTHER INFORMATION: PS11: polymorphic base G or A
NAME/KEY: allele
LOCATION: (33571)..(33571)
OTHER INFORMATION: PS12: polymorphic base C or T
NAME/KEY: allele
LOCATION: (34766)..(34766)
OTHER INFORMATION: PS13: polymorphic base C or T
NAME/KEY: allele
LOCATION: (34796)..(34796)
OTHER INFORMATION: PS14: polymorphic base C or T
NAME/KEY: allele
LOCATION: (34797)..(34797)
OTHER INFORMATION: PS15: polymorphic base T or C
NAME/KEY: allele
LOCATION: (34850)..(34850)
OTHER INFORMATION: PS16: polymorphic base C or G
NAME/KEY: allele
LOCATION: (35325)..(35325)
OTHER INFORMATION: PS17: polymorphic base G or A
NAME/KEY: allele
LOCATION: (35631)..(35631)
OTHER INFORMATION: PS18: polymorphic base T or C
NAME/KEY: allele
LOCATION: (35632)..(35632)
OTHER INFORMATION: PS19: polymorphic base G or T
NAME/KEY: allele
LOCATION: (35721)..(35721)
OTHER INFORMATION: PS20: polymorphic base C or T
NAME/KEY: allele
LOCATION: (35774)..(35774)
OTHER INFORMATION: PS21: polymorphic base T or C
NAME/KEY: allele
LOCATION: (35992)..(35992)
OTHER INFORMATION: PS22: polymorphic base C or T
NAME/KEY: allele
LOCATION: (36054)..(36054)
OTHER INFORMATION: PS23: polymorphic base C or G
NAME/KEY: allele
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LOCATION: (36207)..(36207)
OTHER INFORMATION: PS24: polymorphic base C or G
NAME/KEY: allele
LOCATION: (36330)..(36330)
OTHER INFORMATION: PS25: polymorphic base G or A
NAME/KEY: allele
LOCATION: (36617)..(36617)
OTHER INFORMATION: PS26: polymorphic base T or C
PCT-US01-30877-1

Query Match          2.7%; Score 166.6; DB 1; Length 39287;
Best Local Similarity 79.0%; Pred. NO. 1.3e-19;
Matches 214; Conservative 0; Mismatches 49; Indels 8; Gaps 1;

OY 1290 tctgtcttaacactacgtatagcttaacactgaagctcaagctcaagctcctcc 1349
      ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 14119 tctgtgagccagcgtgagcttaagtcagcaaatctgtctacatgcaacctgctcct 14178
      ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

OY 1350 aggtcaagcaattctctgtctcagccctccgctagctgagactaagcg----- 1402
      ||| |||| | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 14179 gggccaagtgatctctcgtcctcagctcctcgtagtagctgagactaagtgctgcca 14238
      ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

OY 1403 -cagccgcgcgaatttctgaattgtagtagagagatggggttcaacatatagccgggc 1461
      ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 14239 ccagcccaagcaatttctgtatcttgtagtagagatggggttcaacatatgtagccgggc 14238
      ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

OY 1462 tggcttaactcctgaactcagtgatccaccacccctcgaagctcctaaagtgtcggggt 1521
      ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 14299 tggcttgaactcctgaactcagtgatccaccacccctcgaagctcctaaagtgtcggggt 14358
      ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

OY 1522 taccagcatgaatccagccgcccggccaagg 1552
      ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 14359 taccagcgtgagccacacatgcccagcctaag 14389
      ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

RESULT 11
US-09-973-278-900
; Sequence 900, Application US/0973278
; GENERAL INFORMATION:
; APPLICANT: Fischer et al.
; TITLE OF INVENTION: 123 Human Secreted Proteins
; FILE REFERENCE: P2010P2
; CURRENT APPLICATION NUMBER: US/09/973,278
; PRIOR FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: 60/239,899
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 09/227,357
; PRIOR FILING DATE: 1999-01-08
; PRIOR APPLICATION NUMBER: PCT/US98/13684
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/051,926
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/052,793
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/051,925
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/051,929
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/052,803
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/052,732
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/051,931
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/051,932
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/051,916
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/051,930
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/051,918
; PRIOR FILING DATE: 1997-07-08
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; PRIOR APPLICATION NUMBER: 60/051,920
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/052,733
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/052,795
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/051,919
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/051,928
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/055,722
; PRIOR FILING DATE: 1997-08-18
; PRIOR APPLICATION NUMBER: 60/055,723
; PRIOR FILING DATE: 1997-08-18
; PRIOR APPLICATION NUMBER: 60/055,948
; PRIOR FILING DATE: 1997-08-18
; PRIOR APPLICATION NUMBER: 60/055,949
; PRIOR FILING DATE: 1997-08-18
; PRIOR APPLICATION NUMBER: 60/055,953
; PRIOR FILING DATE: 1997-08-18
; PRIOR APPLICATION NUMBER: 60/055,950
; PRIOR FILING DATE: 1997-08-18
; PRIOR APPLICATION NUMBER: 60/055,947
; PRIOR FILING DATE: 1997-08-18
; PRIOR APPLICATION NUMBER: 60/055,964
; PRIOR FILING DATE: 1997-08-18
; PRIOR APPLICATION NUMBER: 60/056,360
; PRIOR FILING DATE: 1997-08-18
; PRIOR APPLICATION NUMBER: 60/055,684
; PRIOR FILING DATE: 1997-08-18
; PRIOR APPLICATION NUMBER: 60/055,984
; PRIOR FILING DATE: 1997-08-18
; PRIOR APPLICATION NUMBER: 60/055,954
; PRIOR FILING DATE: 1997-08-18
; PRIOR APPLICATION NUMBER: 60/058,785
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/058,664
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/058,660
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/058,661
; PRIOR FILING DATE: 1997-09-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: Patentl Ver. 2.0
; SEQ ID NO 900
; LENGTH: 8259
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-973-278-900

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Query Match      2.7% Score 166; DB 5; Length 8259;
Best Local Similarity 77.5% Pred. No. 1,2e-19;
Matches 217; Conservative 0; Mismatches 55; Indels 8; Gaps 1;

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QY 1321 accctgagctcaactcctgcctccaggttcaagaatctctctcagctcc 1380
DB 6564 atctcagctcgtactcctcctccgggttcaaacgattctctcctcagctcc 6623
QY 1381 cgcgtcgtcgggaactcaggcg-----cagccggcctaaatttctgattagta 1432
DB 6624 cgaagtgcctgattacagcgctcgcacacatgctcgtcctaaatttctgattagta 6683
QY 1433 ggaatggggtttcacacatattgcgggctgtgtcgaactcctcagctcagttgcca 1492
DB 6684 gaaagcggggtttctccacatcttgccagcgctgtcctgaactcctcagctcagttgctg 6743
QY 1493 cccacctcagcctcctcaagaatgctgggattacagcagatgacacgcccggccaag 1552
DB 6744 cctgcctcagcctcccaagaatgctgggattacagcagatgacacacacacactgctgcct 6803
QY 1553 gtcaagtgttaataagaagaacttgaatggttactaa 1592

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DB 6804 gatcttattacaaggaagtttagaacaactgacttaa 6843
RESULT 12
US-09-973-278-787
; Sequence 787, Application US/09973278
; GENERAL INFORMATION:
; APPLICANT: Fischer et al.
; TITLE OF INVENTION: 123 Human Secreted Proteins
; FILE REFERENCE: P2010P2
; CURRENT APPLICATION NUMBER: US/09/973,278
; CURRENT FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: 60/239,899
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 09/227,357
; PRIOR FILING DATE: 1999-01-08
; PRIOR APPLICATION NUMBER: PCT/US98/13684
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/051,926
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; PRIOR APPLICATION NUMBER: 60/052,793
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; PRIOR APPLICATION NUMBER: 60/055,684
; PRIOR FILING DATE: 1997-08-18
; PRIOR APPLICATION NUMBER: 60/055,984
; PRIOR FILING DATE: 1997-08-18
; PRIOR APPLICATION NUMBER: 60/055,954

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[illegible]

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1  PRIOR APPLICATION NUMBER: 60/056,360
2  PRIOR FILING DATE: 1997-08-18
3  PRIOR APPLICATION NUMBER: 60/055,684
4  PRIOR FILING DATE: 1997-08-18
5  PRIOR APPLICATION NUMBER: 60/055,984
6  PRIOR FILING DATE: 1997-08-18
7  PRIOR APPLICATION NUMBER: 60/055,954
8  PRIOR FILING DATE: 1997-08-18
9  PRIOR APPLICATION NUMBER: 60/058,785
10 PRIOR FILING DATE: 1997-09-12
11 PRIOR APPLICATION NUMBER: 60/058,664
12 PRIOR FILING DATE: 1997-09-12
13 PRIOR APPLICATION NUMBER: 60/058,660
14 PRIOR FILING DATE: 1997-09-12
15 PRIOR APPLICATION NUMBER: 60/058,661
16 PRIOR FILING DATE: 1997-09-12
17 NUMBER OF SEQ ID NOS: 947
18 SOFTWARE: PatentIn Ver. 2.0
19 SEQ ID NO 684
20 LENGTH: 9868
21 TYPE: DNA
22 ORGANISM: Homo sapiens
23 FEATURE:
24 NAME/KEY: misc.feature
25 LOCATION: (1803)..(1803)
26 OTHER INFORMATION: n equals a,t,g, or c
US-09-973-278-684

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Query Match	2.7%	Score 165.6;	DB 5;	Length 9868;
Best Local Similarity	75.5%;	Pred. No. 1.5e-19;		
Matches 222; Conservative	0;	Mismatches 64;	Indels 8;	Gaps 1

QY	1281	gggtgagggcgtctgtcttaacactaccgtatgctctacactctagctgaacttgaaact	1340
Db	8113	gagctctgtcctctgtcaaccacagagcttgagagcgaggtggcgcgactccaactcaactgagacct	8172
QY	1341	ctgcctccacaggttcaagaacatctctctgtccaaagctcccgctagcttgagactacaga	1400
Db	8173	ccgcctccacaggttcaagaacatctctctgtcccaagctcccaagtagcttgaggttaacag	8232
QY	1401	cgcagcgc-----ccgagctaaatttgtatctgtatgtagaagatggggtttcacacatat	1452
Db	8233	tgctctgcacacatatctgctcaattttcttatcttttagaagatgggggtttcacacatgt	8292
QY	1453	taacccggcgtcgtgtctgaactcctgaacctcagtgatcatcaaccactaagcctcctaag	1512
Db	8293	tggcgcagagcttgcgtctgaactcctgtgcctcaaatgtatcaacctgtcagactcctgttg	8352
QY	1513	tgtctggaattacaagcatgaatgaatcacggcggccggcgaaggtgcagtgtttata	1566
Db	8353	tgtctggaattacaagcatgaatgaatcacacacagcgcgtcctatctttttttttaaga	8406

Fri Nov 9 08:40:41 2001

us-09-227-881-3.rnp
